

Delete the text under the heading "Background and Summary of the Invention" in the *substitute* specification extending between page 1, line 16 and page 2 line 11, and substitute therefor the following:

--The copyright symbol "©," followed by a name and date, represents one of the most well known legal protections in the world. The common-sense idea that the creator of a work has the right to control the sale and distribution of that work is fundamental to the copyright law, recognizing that society will be the loser without such a law, since its most creative forces will be robbed of their ability to earn a living.

C2 The preferred embodiment of the present invention deals with the clash between new, very high quality photographic copying technology, the copyright laws, and ultimate compensation for photographers. Technology is now available permitting consumers to rather easily make amateur- or even professional-grade copies of photographs. For wedding and portrait photographers in particular, the business of making duplications is fundamental to their livelihoods. The threat of such copying is felt strongly.

The preferred embodiment of the invention employs a relatively low cost way to disable a machine's ability to copy a copyrighted photograph, or to require a royalty payment be made at the time of copying. This arrangement facilitates the consumer's compliance with the copyright law, serves the photographer who owns the copyright, and aids the copy service and supply vendor (who can potentially sell more products and services by lowering barriers to their consumption).

These functions can be achieved by pre-applying, or pre-exposing, very low level visible digital information (essentially imperceptible) directly into photographic products such as negative film, paper, transparencies, and so forth. A photographic duplication kiosk can then be constructed in a way so that this embedded

information can be read and, if so instructed by the embedded information, disable the copying function of the kiosk.

C2
C2 added

Many different physical embedding possibilities exist which can implement the invention, where pre-exposure of film is presented in detail as a particularly economic approach. Likewise, the exact design of the embedded information can take many different forms. An exemplary embodiment employs spatial domain representations, and includes rotationally symmetric one- or two-dimensional patterns. Numerous other embodiments are similarly practical. The choices are as wide as communications technology allow. The modulation mechanism (i.e. the physical basis for carrying the embedded signal) is as wide as physical sensing technology allows. As detailed below, specific systems will dictate specific economic choices among these possibilities.--

On ~~substitute~~ page 65, beginning at line 12 delete the sentence "Software programs, written for an Indigo workstation manufactured by Silicon Graphics, Inc and suitable for such browser enhancement are provided in Appendices B and C."

On ~~substitute~~ page 84, line 21, delete "Example software code of such a process is included in Appendix A."

On ~~substitute~~ page 87, delete the paragraph extending between lines 9 and 13.

In the Appendices:

Delete Appendix A filed with the application (i.e. a copy of application number 08/534,005, with its drawings).

In the Drawings: